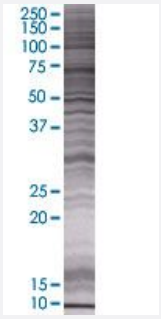
MXI1 293T Cell Transient Overexpression Lysate(Denatured)

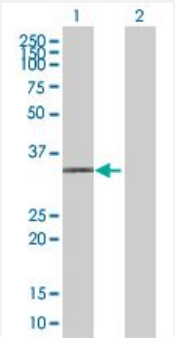
Catalog # H00004601-T02 Size 100 uL

Applications



SDS-PAGE Gel

MXI1 transfected lysate.



Western Blot

Lane 1: MXI1 transfected lysate (25.19 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MXI1 full-length
Host	Human
Theoretical MW (kDa)	25.19
Interspecies Antigen Sequence	Mouse (92); Rat (99)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-MXI1 antibody (H00004601-B02) by Western Blots. SDS-PAGE Gel MXI1 transfected lysate. Western Blot Lane 1: MXI1 transfected lysate (25.19 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — MXI1

Entrez GeneID	4601
GeneBank Accession#	NM_005962.4
Protein Accession#	NP_005953.4
Gene Name	MXI1
Gene Alias	MAD2, MGC43220, MXD2, MXI, bHLHc11
Gene Description	MAX interactor 1
Omim ID	176807 600020
Gene Ontology	Hyperlink
Gene Summary	Expression of the c-myc gene, which produces an oncogenic transcription factor, is tightly regulated in normal cells but is frequently deregulated in human cancers. The protein encoded by this gene is a transcriptional repressor thought to negatively regulate MYC function, and is therefore a potential tumor suppressor. This protein inhibits the transcriptional activity of MYC by competing for MAX, another basic helix-loop-helix protein that binds to MYC and is required for its function. Defects in this gene are frequently found in patients with prostate tumors. Three alternatively spliced transcripts encoding different isoforms have been described. Additional alternatively spliced transcripts may exist but the products of these transcripts have not been verified experimentally. [provided by RefSeq

Other Designations	MAX dimerization protein 2|MAX interacting protein 1|MAX-interacting protein 1|Max-related transcription factor|OTTHUMP00000020467|OTTHUMP00000020468|OTTHUMP00000020469

Disease

- Alzheimer Disease
- Genetic Predisposition to Disease